

Max. 36 Channel 8MP / 5MP / 4MP / 3MP / 1080P IPC connection and recording.  
 Dual-GPU Face Recognition, Instant playback, ICON search, 7 Intelligent analysis function.  
 36 channel POS integration.  
 Support dual monitors  
 Remote Desktop with TeamViewer.  
 ONVIF 2.3 & 2.6 conformance.  
 Support H.264 / H.265 hardware decode.  
 Support P2P function, Windows CMS, Mac/Android/iOS NVSS Client



## Specification

System	NVSS8101Pro	NVSS8301Pro
Main Processor	Intel Celeron G3930 CPU	Intel i3-7100 CPU
Operating System	64bit Linux OS	
Memory	4GB	
GPU	GT1030 GPU card	
Face recognition		
Performance	16 pcs face per second	
Face capture IPC	8ch	16ch
Video & Audio		
Bandwidth	Max Input bandwidth: 160Mbps, Max output bandwidth: 160Mbps	
Recording	36ch@8M / 5M / 4M / 3M / 1080P / 720P / D1	
Preview	4ch@8MP / 8ch@1080P/720/D1 real time preview	6ch@4MP / 16ch@1080P or 16ch@D1 real time preview
Playback	4ch@8MP / 8ch@1080P real time playback	6ch@4MP / 16ch@1080P real time playback
Audio	1ch audio & 1ch Mic in, 1ch audio out	
Recording		
Recording Mode	Manual, Schedule(Continuous, Motion detection, Sensor Alarm), Stop	
Alarm Recording	Motion detection, External alarm	
Backup Mode	Network download / USB HDD / Mobile DVD	
Display		
Video Output	Mini case, 1 HDMI + 1 DP output	
Multi-screen Display	Main monitor 1/4/6/9/13/16/20/25/33/36 split, sub monitor max 16 split.	
Output Resolution	Self-adaption, supports 3840*2160, 1920*1080 / 1600*1050 / 1280*1024 / 1024*768	
General		
Network Interface	1 RJ-45 ports(1000M)	
Power Supply	12VDC, 5A	
Hard Disk	One 2.5 inch SATA HDD, max. 6TB	
USB	6 USB ports(2 side USB 2.0; 4 rear USB 2.0)	
Power Consumption	Max. 60W (Include HDD)	
Working Environment	Temperature: 0°C~30°C; Humidity: 10%~80% ( non-condensation)	
Dimension	mini case	

Max. 256 Channel 8MP/5MP/4MP/3MP/1080P IPC connection

HDMI and VGA synchronous output, HDMI support 4K

Dual-GPU Face Recognition, Instant playback, ICON search, 7 Intelligent analysis function

64 channel POS integration

Remote Desktop with TeamViewer

ONVIF 2.3 & 2.6 conformance.

Support H.264/H.265 hardware GPU decode

Support Windows CMS, Mac/Android/iOS NVSS Client

Support software RAID5, RAID6 storage

Support P2P function, hardware watchdog



## Specification

System	NVSS8103Pro	NVSS8303Pro	NVSS8703Pro
Main Processor	Intel Celeron CPU	Intel core i3 CPU	Intel core i7 CPU
Operating System	64bit Linux OS		
Memory	4GB	8GB	16GB
Face recognition			
Performance	16 pcs face per second		
Face capture IPC	8ch	16ch	32ch
Video & Audio			
Bandwidth	160Mbps	384Mbps	512Mbps
Recording	64ch@8MP / 4MP / 1080P	128ch@8MP / 4MP / 1080P	256ch@8MP / 4MP / 1080P
Preview	4ch@8MP / 8ch@1080P / 16ch@720P / 25ch@D1 real time preview	6ch@8MP / 16ch@1080P or 49ch@D1 real time preview	12ch@8MP / 25@1080P / 36ch@720P / 64ch@D1 preview
Playback	4ch@8MP / 8ch@1080P real time playback	6ch@8MP / 16ch@1080P real time playback	12ch@8MP / 16@1080P&720P real time playback
Audio	1ch audio & 1ch Mic in, 1ch audio out		
Recording			
Recording Mode	Manual, Schedule(Continuous, Motion detection, Sensor Alarm), Stop		
Alarm Recording	Motion detection, External alarm		
Backup Mode	Network download / USB HDD / Mobile DVD		
Display			
Video Output	1 HDMI + 2 VGA output		
Display split	Main:1/4/6/9/13/16/20/25/28/33/36/40/49/64/81/100/121/144 split, sub:1/4/6/9/13/16 split.		
HDMI/VGA Output	3840*2160(HDMI) / 1920*1080 / 1680*1050 / 1440*900 / 1280*1024 / 1024*768		
General			
Interface	2 RJ-45 ports(1000M)		
Power Supply	100-240VAC, 250W power		
Hard Disk	3 pcs 3.5 inch HDDs, Max.10TB for each; Independent HDD rack, support hot swap, RAID storage		
USB	6 USB ports		
Work Environment	Temperature: 0°C~60°C; Humidity: 10%~80% ( non-condensation)		
Dimension	2U case		

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- 64 channel POS integration
- Remote Desktop with TeamViewer
- ONVIF 2.3 & 2.6 conformance.
- Support H.264/H.265 hardware GPU decode
- Support P2P function,
- Support Windows CMS, Mac/Android/iOS NVSS Client
- Support software RAID5, RAID6 storage
- Support hardware watchdog



### Specification

System	NVSS8308Pro	NVSS8708Pro
Main Processor	Intel core i3 CPU	Intel core i7 CPU
Operating System	64bit Linux OS	
Memory	8GB	16GB
Face recognition		
Performance	16 pcs face per second	
Face capture IPC	16ch	32ch
Video & Audio		
Bandwidth	384Mbps	512Mbps
Recording	128ch@8MP / 4MP / 1080P	256ch@8MP / 4MP / 1080P
Preview	6ch@8MP / 16ch@1080P or 49ch@D1 real time preview	12ch@8MP /25@1080P / 36ch@720P / 64ch@D1 preview
Playback	6ch@8MP / 16ch@1080P real time playback	12ch@8MP / 16@1080P&720P real time playback
Audio	1ch audio & 1ch Mic in, 1ch audio out	
Recording		
Recording Mode	Manual, Schedule(Continuous, Motion detection, Sensor Alarm), Stop	
Alarm Recording	Motion detection, External alarm	
Backup Mode	Network download / USB HDD / Mobile DVD	
Display		
Video Output	1ch VGA + 2ch HDMI interface; VGA+HDMI or 2 HDMI output, HDMI support 4K output	
Display split	Main:1/4/6/9/13/16/20/25/28/33/36/40/49/64/81/100/121/144 split, sub:1/4/6/9/13/16 split.	
HDMI/VGA Output	3840*2160(HDMI) / 1920*1080 / 1680*1050 / 1440*900 / 1280*1024 / 1024*768	
General		
Interface	2 RJ-45 ports(1000M)	
Power Supply	100-240VAC, 400W power	
Hard Disk	8 pcs 3.5 inch HDD, max 10TB each, Independent HDD rack, support hot swap, RAID storage	
USB	6 USB ports	
Work Environment	Temperature: 0°C~60°C; Humidity: 10%~80% ( non-condensation)	
Dimension	2U case	

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- Support hardware watchdog



### Specification

System	NVSS8316Pro	NVSS8716Pro
Main Processor	Intel core i3 CPU	Intel core i7 CPU
Operating System	64bit Linux OS	
Memory	8GB	16GB
Face recognition		
Performance	16 pcs faces per second	
Face capture IPC	16ch	32ch
Video & Audio		
Bandwidth	384Mbps	512Mbps
Recording	128ch@8MP / 4MP / 1080P	256ch@8MP / 4MP / 1080P
Preview	6ch@8MP / 16ch@1080P or 49ch@D1 real time preview	12ch@8MP / 25@1080P / 36ch@720P / 64ch@D1 preview
Playback	6ch@8MP / 16ch@1080P real time playback	12ch@8MP / 16@1080P&720P real time playback
Audio	1ch audio & 1ch Mic in, 1ch audio out	
Recording		
Recording Mode	Manual, Schedule(Continuous, Motion detection, Sensor Alarm), Stop	
Alarm Recording	Motion detection, External alarm	
Backup Mode	Network download / USB HDD / Mobile DVD	
Display		
Video Output	1ch VGA + 2ch HDMI , VGA+HDMI or 2 HDMI sync video output, HDMI output 4K	
Multi-split Display	Main:1/4/6/9/13/16/20/25/33/36/49/64/81/100/121/144 split, sub: 1/4/9/16 split.	
HDMI/VGA Output	3840*2160(HDMI) / 1920*1080 / 1680*1050 / 1440*900 / 1280*1024 / 1024*768	
General		
Interface	2 RJ-45 ports(1000M)	
Power Supply	100-240VAC, 500W power	
Hard Disk	16 pcs 3.5 inch HDD, Max. 10TB for each; Independent HDD rack, support hot swap, RAID storage	
USB	6 USB ports	
Work Environment	Temperature: 0°C~60°C; Humidity: 10%~80% ( non-condensation)	
Dimension	3U case	